



YEAR 11 2021
COURSE BOOKLET

TAUPO-NUI-A-TIA COLLEGE

ESTABLISHED
1960

Arts

The Visual Art Faculty at Taupo-nui-a-Tia College is a healthy and vibrant part of the school that allows students to explore a wide range of creative fields. We aim to give our students the opportunities to develop original ideas that express themselves and the world they live in while successfully gaining NCEA qualifications. This is a rewarding subject that requires students to use their imagination and creativity, while acquiring a range of practical skills.

11DRA - NCEA Level 1 Drama

Recommended Cost \$30

The Year 11 course enhances individual confidence, communication and organisational skills, time management and people management skills, through exploring aspects of drama including:

The study of devised drama in a Taupo context and European theatre, including the practical application of the Victorian melodrama theatre form

The study and application of dramatic techniques, elements and conventions

Public performance in the Year 11 assessment evening.

Drama Camp (prior to the public performance)

Teacher in Charge: Ms V Gowdy

Contributions and Equipment/Stationery: It is recommended students pay \$30, which covers the cost of theatre tickets and costume hire for performance assessments. Students will attend all visiting professional performances as well as travel to one public performance at a theatre. Some extra cost may be involved for travel. Some obligatory rehearsal time will need to take place outside of school hours (for standard 90009). 2B8 exercise book.

Recommended Prior Learning:

It is preferable students took this subject in Year 10 and must have teacher recommendation.

11MUS - NCEA Level 1 Making Music

Recommended Cost \$15

Students will have the opportunity to continue to learn more about reading and writing music for their performance instrument and appropriate to genre. They will learn through group performance and by looking at a variety of music styles which will provide the skills for individuals to read and write music according to their level of experience and knowledge. Students will enjoy the e-learning focus to assist both learning and assessment. Students will be supported to enter New Zealand secondary school initiatives such as Smokefree Rockquest, Play it Strange and NZ Chamber Music competitions.

As part of the performance requirements for assessment, students need to continue with a course of instrumental tuition in their performance instrument, throughout the year (either privately or via the college). See the music department brochure for details. Students must be prepared to take part in performance opportunities and be working with a tutor as they learn about music performance. Music technology is a new and exciting part of this course. Students can learn about setting up sound for performance and digital sequencing. At this level students also have the option of creating a music video and understanding behaviours in a music

context. We have added a psychology standard with the perspective of understanding performance anxiety and how to overcome this aspect of music performances.

Teacher in Charge: Mrs L Wigram

Contributions and Equipment/Stationery: It is recommended students purchase a \$10-15 workbook (supplied in class). A4 Refill (14B8), 14M5 refill (A4 manuscript paper), 2B pencil, own headphones (optional but recommended). For music technology a device that supports GarageBand - iPad, MacBook (optional).

Drummer – drumsticks

Guitarist – guitar pic/capo/tuner

Recommended Prior Learning:

It is preferable students took this subject in Year 10, or entry with teacher recommendation and audition.

11VAR - NCEA Level 1 Visual Arts

Recommended Cost \$95

Students will produce work, presented in a portfolio and assignments on a number of themes, using a variety of media. Students will:

- Use drawing processes and procedures
- Generate and develop ideas in making art works
- Extend ideas in other media techniques.

Teacher in Charge: Mr G Lindsay

Contributions and Equipment/Stationery: It is recommended student pay a subject charge of \$95. This includes the cost of some of the take home materials used in the course, including drawing materials. eg inks, charcoals, pastels, painting materials, sculpture materials and folio boards. Yr11 Art pack (order online) containing: A3 Art Diary, 2B, 4B, 6B pencils, eraser, glue stick. Paint brush set - purchase at school Art Dept.

Recommended Prior Learning:

It is preferable students took this subject in Year 10 and have entry with teacher recommendation.

English

Understanding, using, and creating oral, written, and visual texts of increasing complexity is at the heart of English teaching and learning. By engaging with text-based activities, students become increasingly skilled and sophisticated speakers and listeners, writers and readers, presenters and viewers.

Literacy in English gives students access to the understanding, knowledge, and skills they need to participate fully in the social, cultural, political, and economic life of New Zealand and the wider world. To be successful participants, they need to be effective oral, written, and visual communicators who can think critically and in depth.

By understanding how language works, students are equipped to make appropriate language choices and apply them in a range of contexts. Students learn to deconstruct and critically interrogate texts in order to understand the power of language to enrich and shape their own and others' lives.

11EN1 - NCEA Level 1 English 1

This course is intended for students who were working at Level 6 of the curriculum in Year 10. The purpose of the learning is to explore rich and challenging texts and extend their critical thinking. All students are encouraged to gain 14 credits or more in English, in both internal and external standards. The achievement standards offered are responsive to the student's needs and interests.

Teacher in Charge: Mrs P Holmes

Contributions and Equipment/Stationery: Ringbinder, 14B8, subject dividers

Recommended Prior Learning:

A successful year in English in Year 10 with a curriculum level 6, as assessed against the national curriculum descriptors.

11EN2 - NCEA Level 1 English 2

This course will build on the skills students gained in Year 10 and further develop their ability to confidently interpret and create texts. This is suitable for students who may need English as a course requirement at a tertiary level and will fulfil the literacy requirements for Level 1. All students are encouraged to gain 10 credits or more in English. The achievement credits offered are responsive to the student's needs and interests.

Teacher in Charge: Mrs P Holmes M Heaslip

Contributions and Equipment/Stationery: 1x Ringbinder, 1x 14B8, 1x subject dividers

Recommended Prior Learning:

A successful year in English in Year 10 with a curriculum level 5, as assessed against the national curriculum descriptors.

11EN3 - NCEA Level 1 English 3 - Communication Skills

This is a practical, skills-based course designed for vocational purposes. This is a unit standard based course, but achievement standards can be provided at teacher discretion. A literacy bundle can be offered to students who are best suited to this pathway. Students should be performing at curriculum level 4 in Year 10 to achieve success.

Teacher in Charge: Mrs M Heaslip

Contributions and Equipment/Stationery: Ring binder, 14B8, subject dividers

Health and Physical Education

Physical Education applies a holistic approach to the concept of physical activity for young people. Students take part in a range of games, sports and adventure-based learning, which together teach inter-personal skills such as being inclusive and working in teams. Learning in physical education involves the acquisition of knowledge, concepts, skills, and attitudes central to physical education, together with recognition of its potential for integration with other curriculum areas.

The focus is on the well-being of the students themselves, of other people, and of society through learning in Health related and movement contexts. In Health, students develop their understanding of the factors that influence the health of individuals, groups and society. In Physical Education, the focus is on movement and its contribution to the development of individuals and communities.

For any questions you can talk to Mrs M MacLachlan

11HEA - NCEA Level 1 Health

This Year 11 course is a full achievement standard course offering four internal achievement standards and one external achievement standard.

This course caters for students who have a genuine interest in caring for their wellbeing and the wellbeing of others. The programme will allow students to examine and think critically about health issues at a personal, interpersonal and societal level. Students will be able to explore stereotypes relating to health issues and develop critical thinking and social action to minimise harm to self and others.

Teacher in Charge: Mrs M MacLachlan

Contributions and Equipment/Stationery: Students will have opportunity to purchase a Level 1 Health workbook. Or students can work on a device or book.

Recommended Prior Learning:

A successful year of PE/Life Skills in Year 10, and by recommendation from Year 10 PE/Life Skills teacher.

11PED - NCEA Level 1 Physical Education

Recommended Cost \$30

This course has a strong emphasis on learning through practical participation, with a theoretical component. Opportunity to gain 20 NCEA credits. The modules include –

My Active Lifestyle: Students participate in 15 different activities over Terms 1,2,3 & 4, including team sport, swimming, and triathlon.

A Quality Performance: Students participate in a series of practical lessons in a sport which could be hockey, basketball, ki-o-rahi, depending on student choice and there is a theory based standard – Move to improve associated to this.

Splash and Dash: Examines basic anatomy, physiology and bio-mechanics in relation to exercise. This is based around a skill of your choice and the triathlon which is compulsory.
Working as a Team: Students participate in a series of lessons of flag football.

Teacher in Charge: Mrs B Clarke

Contributions and Equipment/Stationery: It is recommended that students purchase the Year 11 PE workbook \$10.00. It is recommended that students pay associated costs with transport to local facilities, swimming and the triathlon approximately \$20.00

Recommended Prior Learning:

Recommendation by your Year 10 Physical Education teacher. A high level of participation and achievement from Year 10 is essential.

11ODE - NCEA Level 1 Outdoor Education

Recommended Cost \$235

Outdoor education course is taught in the following modules:

- Complete rock climbing and abseiling sessions
- Participate in adventure based learning activities
- Participate in mountain biking
- Participate in an overnight camp and tramp in the bush
- Participate in Paddle boarding and rafting

Students will complete a variety of standards listed following co-construction with the teacher

Teacher in Charge: Mrs H Simm

Contributions and Equipment/Stationery: It is recommended that students pay the Outdoor Education course subject charge of \$185.00. This covers costs associated with offsite activities such as camping, tramping, squash, rock climbing, kayaking, rafting and mountain biking. It is recommended that students pay the sport course subject charge of \$50.00.

Recommended Prior Learning:

Recommendation by your Year 10 Physical Education teacher and/or your outdoor education teacher and be physically able and willing to participate in the various activities that may push your comfort zone.

Languages

The Languages Faculty encompasses four languages: Spanish, French, Te Reo Maori and Japanese. We teach how to speak the chosen language in a useful and appropriate way.

The majority of our students who learn a language or languages are complete beginners when they start in Year 9. A majority of languages can be studied through all Levels of NCEA.

Being bilingual or even multilingual bestows a distinct advantage upon our students for future studies and career opportunities. Many university faculties welcome a high level of competence in a second language as an indication of academic ability and are recommending a second language as a means of “having a difference, to stand out” from the majority of graduates.

Students who choose to learn and speak another language open doors to careers of wide diversity. Opportunities through business and commerce, law, medicine, the arts, teaching, engineering and architecture expand exponentially when another language is spoken.

In New Zealand’s increasingly multicultural society, it makes sense for those working in all professions and trades to be able to understand cultural differences and to appreciate them. Learning another language promotes awareness of the differences, and similarities, of those from other cultures that students will eventually work beside.

11FRE - NCEA Level 1 French

Year 11 French is a continuation from Year 10 work. Students build on the vocabulary and grammar they have already studied, based on Levels 4, 5 and 6 of the French Curriculum. Students continue to develop their confidence in the four language skills of speaking, listening, reading and writing as well as French cultural aspects of France and French speaking countries.

Teacher in Charge: Mrs C Feuillade

Contributions and Equipment/Stationery: 2 Exercise Books (1B8)

Recommended Prior Learning:

Year 10 French, or with recommendation of teacher in charge.

11JAP - NCEA Level 1 Japanese

Recommended Cost \$40

Year 11 Japanese is a continuation from Year 10 work. Students build on the vocabulary and grammar they have already studied, based on Levels 4, 5 and 6 of the Japanese Curriculum, adding: Kanji, grammar, and topics of Myself, My Family, My House, My Town, My Travel. A sound knowledge of hiragana, katakana and 50 kanji is required to obtain NCEA level 1 in Japanese. Students have the choice of entering the Australian Language Certificate, Level 1 or 2 and enter the Education Prefect competitions. Standard AS 90895 is optional.

Teacher in Charge: Ms R Ireland

Contributions and Equipment/Stationery: It is recommended that students purchase NCEA Japanese Level 1 student handbook at approximately \$20.00. Hardback exercise book(2B5), 2 graph book (1E8), ring binder & subject dividers

Recommended Prior Learning:

Year 10 Japanese or by recommendation of teacher in charge.

11MAO - NCEA Level 1 Te Reo Māori me ngā Tikanga Māori

Recommended Cost \$20

This course is for multi-lingual learners in Te Reo Māori. The course covers Te Reo Māori and Tikanga Māori in familiar contexts. The course is assessed through language achievement and tikanga unit standards where students will develop their knowledge of Te Reo and Te Ao Māori. Field Trips:

Manu Kōrero Speech Competition (Regional & National).

Curriculum topic marae stay.

Teacher in Charge: Ms S Richards

Contributions and Equipment/Stationery: It is recommended students pay an access fee of \$20.00 to enable them to log onto the Education Perfect website to assist with vocabulary.

Recommended Prior Learning:

Year 10 Te Reo Māori, or with recommendation of teacher in charge.

11MPA - NCEA Level 1 Maori Performing Arts

The Year 11 course covers the basic components of Māori performing arts and includes waiata, haka, poi and some aspects of Maori weaponry. It is primarily a theory based course where essential knowledge is acquired before embarking onto the more practical aspects of Māori performing arts. It is strongly recommended that students become members of the college kapa haka group to enhance their performance ability and understanding. This will help immensely with achieving the respective standards.

One wānanga (overnight stay on school marae) per term with school kapa haka group. One cultural visit to Toi Ohomai.

Teacher in Charge: Mr G Rameka

Mathematics

Mathematics is all about ideas, principles and concepts. Knowledge of numbers (numeracy) is important as a foundation, but mathematics is much more than this. The reasoning required for Mathematics is used in all walks of life, from music to sport, from languages to sciences.

Our aim is to prepare our students' minds to appreciate the importance and usefulness of Mathematics. Taupo-nui-a-Tia Mathematics staff endeavour to provide a positive work environment where each student can develop their personal excellence.

Year 11, Year 12 and Year 13 students can choose from a variety of courses that will address their skills and specific needs. Their choices arise from the progress they have made during each previous year level. Real progress in Mathematics is attained by students fully participating in class, making the most of all the opportunities that are offered, and having a positive attitude toward their studies.

11MA1 - NCEA Level 1 Mathematics 1

Recommended Cost \$20

This course is for able mathematicians wishing to continue with a full mathematics course in Years 12 and 13. Entry to external examinations is dependent on passing a formative assessment.

Teacher in Charge: Mr C Walton

Contributions and Equipment/Stationery: It is recommended that students purchase a Casio graphics calculator as this provides a significant advantage for Achievement Standard 91028. NuLake EAS Homework or Education Perfect, approximately \$20.00. Basic mathematical equipment; ruler. 2 Maths Exercise Book (1J5), ruler

Recommended Prior Learning:

Students working at national curriculum level 5A in Algebra and Number in Year 10.

11MA2 - NCEA Level 1 Mathematics 2

Recommended Cost \$20

This course will provide students with a broad mathematical curriculum, providing a pathway into a Level 2 Statistics or the Level 2 Numeracy course.

Teacher in Charge: Mr C Walton

Contributions and Equipment/Stationery: It is recommended that students have a scientific calculator, preferably a Casio FX-82 or a Casio graphics calculator. Basic mathematical equipment, i.e. ruler and exercise book; and the appropriate homework book, approximately \$20.00 1J5, ruler, Casio FX82 calculator

Recommended Prior Learning:

By recommendation from Year 10 mathematics teacher.

11MA3 - NCEA Level 1 Mathematics 3

This course covers the core mathematics of Level 1 and the required numeracy skills. Assessment is entirely through internal tasks.

Teacher in Charge: Ms L Birchenough

Contributions and Equipment/Stationery: It is recommended that students have a scientific calculator with a fraction key (preferably a Casio FX82); basic mathematical equipment, i.e. ruler, 2 1J5, ruler, Casio FX82 calculator

Science

Science requires curiosity, imagination and inspiration. In science we learn to investigate, understand and explain our world and the wider universe. We do this through the generation and testing of ideas and gathering of evidence in various ways. A good foundation in science enables problem solving and decision making in many areas of life.

Students need a basic understanding of science for many different career paths and to cope with the challenges of technology in the world.

In the junior school we study the nature of science in the context of the living world, the material world, the physical world and planet Earth and beyond. In the senior school it is possible for students to specialise in one or more of the science disciplines.

11SC1 - NCEA Level 1 Science 1

Science is a general course suitable for students interested in a range of science topics. Students that are planning to take Levels 2 and 3 sciences should complete this course or Science 2. There are a range of topics and achievement standards available in this course. Each class will co-construct the course for the year selecting appropriate topics. SCIPAD workbooks will be available at key times during the year for students to purchase. Field Trips be discussed and planned across the year as appropriate.

Teacher in Charge: Mrs L Brown

Contributions and Equipment/Stationery: Student manuals may be recommended for purchase. 1B8 exercise book or computer, calculator, HB pencil, 30cm ruler, blue & black pens, highlighter

Recommended Prior Learning:

Overall teacher recommendation across the year and performing at 5A or above across the Nature of Science strands over Year 10.

11SC2 - NCEA Level 1 Science 2

Science is a general course suitable for students interested in a range of science topics. Students that are planning to take Levels 2 and 3 sciences should complete this course or science 1. There are a range of topics and achievement standards available in this course. Each class will co-construct their own course for the year selecting appropriate assessments.

Teacher in Charge: Mrs L Brown

Contributions and Equipment/Stationery: Student manuals may be recommended for purchase. 1B8 or computer, Calculator, pencil, 30cm ruler, blue and black pens, highlighter

Recommended Prior Learning:

Overall teacher recommendation across the year and performing up to level 5P or above across the Nature of Science strands over Year 10. Further evidence will come from a range of sources including student portfolios and Education Perfect.

11SC3 - NCEA Level 1 Science 3

This course will explore a range of science topics as decided by the class and teachers to suit the learning of students. Assessments will be chosen to suit the topics covered.

Teacher in Charge: Mrs L Brown

Contributions and Equipment/Stationery: 1x 1B8 exercise book or computer, calculator, pencil, 30cm ruler, blue and black pens, highlighter

Recommended Prior Learning:

Overall teacher recommendation across the year and performing up to level 5B or above across the Nature of Science strands over the year.

11ASC - NCEA Level 1 Agriculture

Recommended Cost \$35

This course is designed for students with an agricultural focus who may be going on to work or study in the agricultural or horticultural science sector.

Environment – production practices that have a positive and negative impacts on the environment.

Livestock Management – livestock physiology, feeding, breeding and genetics.

Pasture/Crop Management – impacts on production, grazing management and pasture conservation.

Investigation – plan and carryout a scientific investigation in an agricultural context.

Plant Propagation - propagate plants from seed, cuttings and division.

Teacher in Charge: Miss A Simpson

Contributions and Equipment/Stationery: Agricultural Field Days Term 2 – recommended cost of \$35.00. 1B8, Calculator, HB pencil, 30cm ruler, blue & black pens, Highlighter

Recommended Prior Learning:

Overall teacher recommendation across the year and performing at 5P or higher across the Nature of Science strands over the semester.

Social Science

Through studying the social sciences, students develop the skills to engage as effective and responsible members of society. They acquire the skills to critically examine what they learn and draw conclusions after assessing the evidence. Theoretical components taught in the class are matched with various real-life activities that relate theory to practice. Students develop their ability to fit into society as responsible members, thereby contributing to their personal growth and development.

The Social Sciences faculty provides challenging learning programmes that meet the individual educational needs of all students in an authentic and engaging manner. We encourage students to draw on their prior knowledge in order to acquire a clear understanding of local, national and global issues.

Through the Social Sciences students are offered not only a window into New Zealand but the world in which they live and will contribute to in the future. Students develop a global perspective over the years they study in the Social Sciences faculty developing a tolerance and appreciation of others and their viewpoints and can confidently discuss and debate a range of issues.

All year 9 and 10 students will study social studies. The subject is about people and how and why in different contexts they think, feel and act. It is about how they organise their way of life, interact with others and their environment, initiate and respond to change; and how they meet their political, social, economic, legal and spiritual needs.

Students will develop their inquiry skills to access information, interpret this information and communicate their findings using a range of technologies to do so.

11ACC - NCEA Level 1 Accounting

Recommended Cost \$28

Accounting and financial literacy are areas of which everyone should have some knowledge and understanding.

This course introduces accounting and its purpose and place within human activities. It provides a set of skills that the students will be able to apply to their own experiences, be it in their personal life, in business, or as part of a community organisation.

The course is a broad overview of accounting for a small business, including how to process financial transactions, the preparation of financial statements and interpreting financial information to arrive at better business decisions. The course also covers the financial information that community organisations should prepare and there is also a section where students learn to make a financial decision for an individual or group.

Teacher in Charge: Mr T Tinworth

Contributions and Equipment/Stationery: It is recommended that students purchase accounting workbooks, approximately \$28.00 total. Ring Binder, A4 Refill (14B8) or 1J5 exercise book

Recommended Prior Learning:

Students need to also be studying 11MA1 or 11MA2. (There are a lot of numbers. Students need to be happy looking at and using numbers.)

11ECO - NCEA Level 1 Economics**Recommended Cost \$25**

Economics is the study of how limited resources such as land, labour and capital are used to provide the goods and services we use in our everyday lives. The course focuses on how different sectors of the economy such as households, firms and the government interact.

Students will learn about the interrelationships between different groups and the economic decisions that need to be made by those groups such as: how to spend your income, what goods and services to produce, and how much tax should the government charges. From this course students will be able to better understand their place in the New Zealand economy.

Teacher in Charge: Mr T Tinworth

Contributions and Equipment/Stationery: It is recommended that students purchase an economics workbook, approximately \$25.00. Ringbinder and A4 refill 14B8 or a book to keep notes (1J5)

11GEO - NCEA Level 1 Geography**Recommended Cost \$70**

Geography at this level covers a range of topics and skills.

The external achievement standards involved a study of extreme natural events, and in particular, the Tarawera and Whakaari eruptions. This study also includes a trip to the Buried Village in Rotorua and a visit to Waimangu thermal valley to see effects of the Tarawera eruption. The second external achievement standard involves the application of skills such as map, cartoon and graph interpretation.

Students also cover a selection of internal achievement standards such as research, a current issue in New Zealand such as the use of 1080 and a global study.

This course provides an interesting and broad base for any future studies in the social sciences or in earth science.

Teacher in Charge: Mrs J Grey

Contributions and Equipment/Stationery: It is recommended that students attend field work undertaken and this will incur some costs for transport (approximately \$60.00). It is recommended that students purchase the TNT workbooks for external achievement standards at approximately \$10. 1x PVC ringbinder (A4/2/38), A4 Refill (14B8), cardboard subject dividers x 5, coloured pencils, ruler, highlighters

Recommended Prior Learning:

Recommendation from Year 10 social studies teacher in charge.

11HIS - NCEA Level 1 History

Year 11 History concentrates on 20th Century history as a means of helping students better understand their world and their place in it. A variety of topics will be chosen from the selection below.

1. Conflict in the Middle East: This conflict continues and is seen in the media weekly. This theme helps the student understand why this conflict occurred and why it continues.

2. International Relations: We look at how nations conduct their foreign policy, the results of such policies and how the lessons of the past influence the decisions of the future. This course is designed to make use of the extensive media resources available to the 21st century historian.

a) Origins of World War II 1919-1941.

b) New Zealand Foreign Policy 1945-1985.

3. Social Change: Black Civil Rights in the USA 1950-1970: A study which looks in detail at a topic introduced in Year 10 social studies.

4. Research Topics: This part of the course is internally assessed and comprises 12 credits. Different research topics are chosen from year to year, depending on the student's interests and global issues. The course is designed to learn and develop a range of skills, which can be used in a wide variety of courses and careers to enhance the student's knowledge base as well as providing an interesting subject with as many questions as there are answers.

Teacher in Charge: Mr R Gregory

Contributions and Equipment/Stationery: Ring binder, 14B8 A4 refill, subject dividers or 2B8, highlighter

Recommended Prior Learning:

Recommendation from the Year 10 social studies teacher.

Technology

Technology is the intervention by design: the use of practical and intellectual resources to develop products and systems (technological outcomes) that expand human possibilities by addressing needs and realising opportunities.

Adaptation and innovation are the heart of the technological practice. Quality outcomes result from thinking and practices that are informed, critical and creative. Technology makes enterprising use of its own particular knowledge and skills, together with those of other disciplines. Graphics and other forms of visual representation offer important exploration for communication.

Each semester presents an opportunity to follow a specialised course of study in a technology specialism. The subjects offered will be product design technology (working with wood and metal), textiles technology (designing and making fashion related items), food technology (using food with a focus on nutrition), and computing (programming and web development). Each of these courses is designed to extend the students' technological competence and confidence and provide a useful foundation for the level 1-3 courses.

11DT - NCEA Level 1 Digital Technologies

Students choosing digital technologies pathways for NCEA Level 1 will develop more specialised skills that industry partners say are in high demand. The new content covers two key areas: computational thinking and digital outcomes.

Computational thinking is about understanding the computer science principles that underlie all digital technologies and learning how to develop instructions, such as programming to control these technologies.

Designing and developing digital outcomes is about understanding that digital systems and applications created for humans by humans. Students will develop knowledge and skills by using different digital technologies to create digital content across a range of digital media.

Teacher in Charge: Mrs C Fraser

Contributions and Equipment/Stationery: 8GB USB Memory Stick.

Recommended Prior Learning:

It is preferable for a student to have taken this subject in Year 10, or with teacher recommendation.

11EG - NCEA Level 1 Engineering

Recommended Cost \$70

Students who take this course will complete a full year in the workshop environment. Within the year they will undertake a minimum of 2 Engineering Projects, one of which is classed as their major project. Undertaking the Major Project requires the students to research and design a product (Tool or similar) and to then plan and produce their design as a prototype.

Students participating in this course will gain credits in unit standards through Competenz (New Zealand Engineering Food & Manufacturing Industry Training Organisation). Safety

standards are an integral part of this course with no room for irresponsible behaviour. The manufacture of engineering products, working from specific plans to within given tolerances requires the students to display competent practical skills. Design and making techniques are taught and developed to manipulate materials in the production of the students selected Major Project which might be items such as a gardening tool or similar.

Teacher in Charge: Mr P Kemsley Smith

Contributions and Equipment/Stationery: It is recommended students pay the subject charge of \$70.00, which covers the cost of the take home materials used in the course. 1 A4 Display Book, pencil, blue & black pens

Recommended Prior Learning:

It is preferable that students have taken this in Year 10, or recommendation by teacher.

11FN - NCEA Level 1 Food Technology & Nutrition

Recommended Cost \$145

This course covers topics such as interpreting nutritional information and needs, safe food handling, cultural influences on our food. All assessments involve both theory and practical components. Internal standards are assessed with portfolios of evidence and written reports. There is an external standard assessed by NZQA in November.

Teacher in Charge: Mrs L Mason

Contributions and Equipment/Stationery: It is recommended that students pay the subject charge of \$120.00 which covers the cost of all food used in the course. It is recommended that students attend at least one field trip which will incur a cost for transport. It is recommended students purchase (\$25) Level 1 Home Economics Learning Workbook.

Recommended Prior Learning:

It is preferable for students to have taken this in year 10, or recommendation by teacher.

11DVC - NCEA Level 1 Design and Visual Communication

Recommended Cost \$20

This course is intended for students interested in design as a means to develop their own visual communication skills or as an intended career pathway. The course is a progression from Year 10 and extends student learning through the introduction of different media design and communication skills. Students will further develop their skill in computer aided design (CAD) and image enhancement technologies. Learning will be directed at three main areas throughout the year:

Design and Visual Communication
Spatial Design (Environmental/Architectural)
Product Design.

Teacher in Charge: Mr R Forrest

Contributions and Equipment/Stationery: 1 x A3 Clearfile (or can use existing from Y10), 1 x A3 Visual Diary. Students must supply their own rendering materials (pencils, colouring pencils marker pens) as well as a compass.

It is recommended that students pay the subject charge \$20. This covers the cost of all take home materials used in this course (Limited 3D printing, laser cutting, CNC milling for the production of prototypes) and any colour printing costs.

Recommended Prior Learning:

It is preferable for a student to have taken this subject in Year 9 or 10.

11HOS - NCEA Level 1 Hospitality

Recommended Cost \$130

This course is intended for students who wish to pursue a career in the hospitality industry. It consists of unit standards with full internal assessment. Students will focus on the practical and theory applications of food preparation and cooking, presentation, terminology, hygiene and safety in the food industry.

Teacher in Charge: Mr P Kemsley-Smith

Contributions and Equipment/Stationery: Subject charge \$130.00. (STAR supported funding.) This covers take-home elements of this course. 4x Highlighters, 1B5

Recommended Prior Learning:

It is preferable for a student to have taken this subject in Year 10, or with teacher recommendation.

11RMW - NCEA Level 1 Resistant Materials Wood

Recommended Cost \$70

In this course, students will design and manufacture a variety of projects that relate to working with wood. Other hard materials such as metal and plastics may be included in the projects. The course will provide opportunities for students to develop practical and the creative design skills.

Teacher in Charge: Mr J Thiele

Contributions and Equipment/Stationery: It is recommended students pay the Subject charge of \$70.00, which covers the cost of the take home materials used in the course. 40 page A4 Clearfile, A4 refill (14B8), A4 unlined refill (14A5)

Recommended Prior Learning:

It is preferable students took this subject

11TM - NCEA Level 1 Textiles

Recommended Cost \$80

The Year 11 program is a combination of academic technological process along with learning new and refining technical sewing skills. Students are encouraged to work towards a minimum of 16 achievement standard credits with the opportunity to gain more credits for the most dedicated and passionate learners. Some credits offered have literacy credits attached which aid the student to gain their overall NCEA.

During the year students will work on two major projects that will combine a selection of Achievement Standards. Students will be supported to go through a technological process in detail. An external written report based on the student's experiences throughout the year will be offered. This will allow the students to gain subject endorsement at Merit or Excellence

Teacher in Charge: Mrs P Simmonds

Contributions and Equipment/Stationery: It is recommended students pay the subject charge of \$80. This covers the cost of some of the take home materials used in the course and take home projects. 1 x A4 Visual Diary

11EMS - NCEA Level 1 Employment Skills

Employment Skills provides students with skills that are valuable in the workplace. Students build their confidence through practicing these skills in the classroom and by possible invitation to participate in the Gateway programme, in order to develop vocational pathways. Other unit standards may be included as appropriate to the individual learner and their future career path.

This course offers another pathway to gaining NCEA Level 1 literacy.

Teacher in Charge: Mrs A Fox

Contributions and Equipment/Stationery: 1 x coloured document wallet

Recommended Prior Learning:

Dean or Teacher in charge recommendation.